

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
26 May 2005 (26.05.2005)

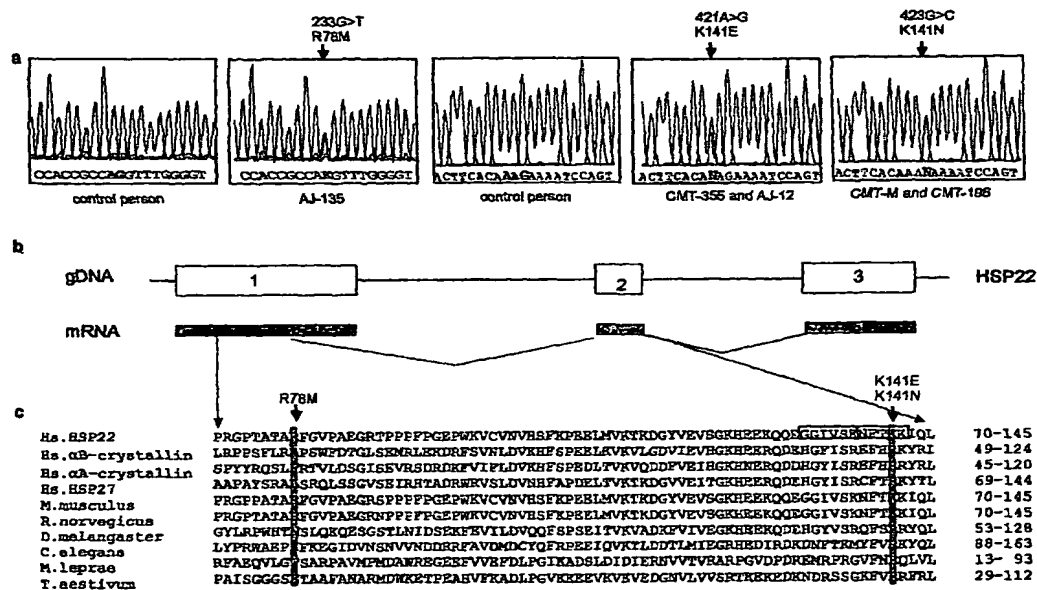
PCT

(10) International Publication Number  
**WO 2005/047537 A3**

- (51) International Patent Classification<sup>7</sup>: **C12Q 1/68** (74) Common Representative: **VIB vzw**; Rijvisschestraat 120, B-9052 Zwijnaarde (BE).
- (21) International Application Number: **PCT/EP2004/052962** (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date:  
15 November 2004 (15.11.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
03104181.7 13 November 2003 (13.11.2003) EP
- (71) Applicant (for all designated States except US): **VIB vzw** [BE/BE]; Rijvisschestraat 120, B-9052 Zwijnaarde (BE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **DE JONGHE**, Peter [BE/BE]; Warandestraat 6, B-2800 Mechelen (BE). **TIMMERMAN**, Vincent [BE/BE]; Van Den Nestlaan 69, B-2520 Broechem (BE). **IROBI**, Joy [BE/BE]; Ter Borchlaan 22, B-2650 Edegem (BE). **VAN BROECKHOVEN**, Christine [BE/BE]; Koning Albertlei 15, B-2650 Edegem (BE).
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— with international search report

[Continued on next page]

(54) Title: **DIAGNOSIS OF DISTAL HEREDITARY MOTOR NEUROPATHY TYPE II BY DETECTION OF HSP22 GENE POLYMORPHISMS**



(57) Abstract: The present invention relates generally to the field of human genetics. Specifically, the present invention relates to methods and materials used to diagnose distal hereditary motor neuropathy type II by detecting polymorphisms in HSP22 gene.



(88) Date of publication of the international search report:  
25 August 2005

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*